BRUHAT BANGALORE MAHANAGARA PALIKE

BBMP/2020-21/OW/WORK_INDENT42313

APPROVED SCHEDULE - B

No.EE/BTP/BBMP/E-PMT/03/2020-21, Date: 28-05-2020
Name of Work:Package-4, includes 4 works of Rs.1000.00 lakhs
Comprehensive development of roads and drains in ward no 08.09.10 &11Byatarayanapura Division.Package-5 (Old Annuxure-2) GoSI No114,115,116,117

Sl. No.	Approved Qty.	Description	Unit	Approved Tender Rates of M S VENKATESH (M S V CONSTRUCTIONS COMPANY)	
				In Figures	In Words
1	8029.3	Earthwork excavation by manual means for roads, drains & similar works in ordinary soil excavated surface levelled and sides neatly dressed, the disposed earth to be levelled neatly after breaking of clods complete as per specifications and directions of the Engineer in charge.5km lead= 57+2.0x1.28x5 =69.80	Cum	209.68	Rupees Two Hundred Nine and Sixty Seven Paise Only
2	1523.01	Removing and refixing stone slabs of drains and pointing in CM (1:3) complete as per specifications and directions of the Engineer in charge	Sqm	112.41	Rupees One Hundred Twelve and Forty One Paise Only
3	2348.46	Providing granite slabs of selected quality roughly dressed havinf a size of 7.5 cms thick and fixed in cement mortar (1:6) including fixing curing ete.,complete as per specifications and directions of the Engineer in charge	Sqm	749.42	Rupees Seven Hundred Forty Nine and Forty Two Paise Only
4	988.27	Providing granite slabs of selected quality roughly dressed havinf a size of 10 cms thick and fixed in cement mortar (1:6) including fixing curing ete., complete as per specifications and directions of the Engineer in charge	Sqm	976.39	Rupees Nine Hundred Seventy Six and Thirty Eight Paise Only
5	65.45	Providing and constructing granite / trap / basalt size stone masonry in basement with cement mortar 1:6, edges of stones chistle dressed in courses not less than 15 cms high, bond stones at two m. apart in each course including cost of materials, labour, curing complete as per specifications and directions of the Engineer in charge	Cum	5870.10	Rupees Five Thousand Eight Hundred Seventy and Nine Paise Only
6	145.44	Providing ruled pointing to coursed stone masonry with cement mortar 1:3, 20mm deep, after raking joints to depth of 20mm nicely lining, including cost of materials, labour, curing complete as per specifications. and directions of the Engineer in charge	Sqm	152.03	Rupees One Hundred Fifty Two and Two Paise Only
7	613.78	. Providing and laying Plain cement concrete of mix1:3:6 with OPC cement @ 220kgs, with crushed 40mm and down size graded granite metal coarse aggregates @0.89cum and fine aggregates @ 0.46cum, in foundation mechanically mixed, placed in foundation and compacted by vibration including curing for 14 days Including cost of materials,labour, HOM curing form work, Scaffolding and Centering omplete as per specifications and directions of the Engineer in charge	Cum	5476.12	Rupees Five Thousand Four Hundred Seventy Six and Eleven Paise Only
8	228.87	Providing laying plain/ reinforced cement concrete for side Drains Using M20 nominal mix Concrete with OPC at 300kgs.With 20mm and Down size granite metal coarse aggregate at 0.69cum and fine aggregate at 0.43cum Machne mixed, well compacted for wall and Bottom including centering shuttering,cost of materials,HOM of Machinery,Curing Etc.,Complete Excluding cost of Steel as per morth MORTH specification No. 1500, 1700, 2200. Including Cost of material, Labour, HOM complete as per Specification-WALL & Bottom thickness 10Cm complete as per specifications and direction of site engineer in incharge	Cum	7346.46	Rupees Seven Thousand Three Hundred Forty Six and Forty Five Paise Only
9	132.36	Providing laying plain/ reinforced cement concrete for side Drains Using M20 nominal mix Concrete with OPC at 300kgs.With 20mm and Down size granite metal coarse aggregate at 0.69cum and fine aggregate at 0.43cum Machne mixed, well compacted for wall and Bottom including centering shuttering,cost of materials,HOM of Machinery,Curing Etc.,Complete Excluding cost of Steel as per morth MORTH specification No. 1500, 1700, 2200. Including Cost of material, Labour, HOM complete as per Specification-WALL & Bottom thickness 15Cm omplete as per specifications and directions of the Engineer in charge	Cum	7140.90	Rupees Seven Thousand One Hundred Forty and Ninety Paise Only
10	20.51	Providing T.M.T bars Fe 500 steel reinforcement for R.C.C work including straightening, cutting, bending, hooking, placing in position, lapping and / or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as per design (laps, hooks and wastage shall not be measured and paid) cost of materials, labour, HOM of machinery omplete as per specifications and directions of the Engineer in charge	tonne	73050.25	Rupees Seventy Three Thousand Fifty and Twenty Four Paise Only
11	2283.48	Providing and Fixing pre cast covering Slab made out of CC 1:2:4 with 10cm thick and Finishing cutting ,including form work,curing,including cost of alll materials, labour,hire charges of machinery,loading,unloading,lead and lift,transportation etc ,omplete as per specifications and directions of the Engineer in charge. (Data Rate)	Sqm	2360.37	Rupees Two Thousand Three Hundred Sixty and Thirty Seven Paise Only

Signature of the Contractor

Executive Engineer

Name of Work:Package-4, includes 4 works of Rs.1000.00 lakhs
Comprehensive development of roads and drains in ward no 08.09.10 &11Byatarayanapura Division.Packag
(Old Annuxure-2) GoSI No114,115,116,117

Sl. No.	Approved Qty.	Description	Unit	Approved Tender Rate of M S VENKATESH (M S V CONSTRUCTIONS COMPANY)	
				In Figures	In Words
12	101.22	Providing and Fixing pre cast covering Slab 250mm thick made out of CC 1:2:4 and jelly 20mm Down size with steel reinforcement including form work,curing,including cost of alll materials, labour,hire charges of machinery, loading, unloading, lead and lift,transportation etc ,omplete as per specifications and directions of the Engineer in charge	Sqm	5472.18	Rupees Five Thousand Four Hundred Seventy Two and Eighteen Paise Only
13	58.14	Providing and laying in position plain cement concrete of Mix 1:2:4 with OPC @ 240kgs, with 20mm and down size graded granite metal coarse aggregates @ 0.878 cum and fine aggregtes @ 0.53cum, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation, plinth and cills, including cost of all materials, labour, HOM curing omplete as per specifications and directions of the Engineer in charge	Cum	5804.79	Rupees Five Thousand Eight Hundred Four and Seventy Nine Paise Only
14	361.76	Providing and constructing load bearing wall with solid concrete blocks having block density not less than 1800kg/m3 having a minimum average compressive strength of 4.00 N/mm2 confirming to IS 2185 (Part 1):2005 and constructed with CM 1:4, as per IS 2572:2005 including cost of all materials labour charges, scaffolding, curing, hire charges of machineries etc.,) solid concrete blocks of size 400x150x200mm, omplete as per specifications and directions of the Engineer in charge	Sqm	989.23	Rupees Nine Hundred Eighty Nine and Twenty Three Paise Only
15	361.76	KSRB 5-11 : Providing and constructing non load bearing wall with solid concrete blocks of size 400x100x200 mm having block density not lessthan 1800 kg/m3 and having a minimum average compressive strength 4.00 N/mm2 confirming to IS 2185 (Part) : 2005 and constructed with CM 1:4 , as per IS 2572:2005 including cost of all materials, labour charegs, scaffolding, curing Complete as per specifications and directions of the Engineer in charge	Sqm	868.26	Rupees Eight Hundred Sixty Eight and Twenty Five Paise Only
16	1435.56	Providing and fixing pre cast solid cement concrete kerb stones made out of CC 1:2:4 with top and bottom width 114 and 165 mm respectively, 400mm high and 450mm in length finished with CM 1:3 plastering and finishing cutting including formwork, curing, including cost of materials, labour charges of machinery, loading and unloading, lead and lift, transportation ete.,complete. As per the direction of Engineer incharge.	Nos	436.80	Rupees Four Hundred Thirty Six and Eighty Paise Only
17	226.1	Painting two coats after filling the surface with synthetic enamel paint in approved shades on new plastered concrete surfaces, with materials, labour complete as per specifications. MORTH Chapter 8	Sqm	85.65	Rupees Eighty Five and Sixty Four Paise Only
18	1485.34	Excavation for roadwork in all types of soil by mechanical means including cutting and loading to tippers, trimming bottom and side slopes, in accordance with requirements of lines, grades and cross sections, and transportation with a lead of 1.00 km and complete as per specifications MORTH Specificatio MORTH Specification No.301Loading and unloading with 10km lead, complete as per specifications and directions of the Engineer in charge	Cum	56.82	Rupees Fifty Six and Eighty Two Paise Only
19	11117	Scarifying bituminous course 50mm to 75mm thick along with premix carpet / surface dressing by road roller attached with scarifier without disturbing the base and stacking the debris including cost of all labour charges, HOM of machineriescomplete as per specifications and directions of the Engineer in charge	Sqm	41.75	Rupees Forty One and Seventy Five Paise Only
20	10051.2	Compaction of original ground by mechanical means including filling in depression occuring during rolling including cost of all labour, HOM complete as per specifications and directions of the Engineer in charge	Sqm	6.42	Rupees Six and Forty Two Paise Only
21	475.69	Construction of granular sub-base Grading-V as Sub-base and drainage layer by providing coarse graded crushed stone aggregates of granite/ trap/basalt material, mixing in a mechanical mix plant at OMC, Carriage of mixed material to work site, spreading in uniform layers with motor grader on prepared surface and compacting with vibratory power roller to achieve the 98 % proctor density, complete as per specifications Clause 401 of MORTH V Revision.omplete as per specifications and directions of the Engineer in charge	Cum	2014.87	Rupees Two Thousand Fourteen and Eighty Six Paise Only
22	3558.59	Providing, laying, spreading and compacting cushed stone aggregates of granite / trap / basalt to wet mix macadam specifications including pre mixing the material with water at OMC in mechanical mix plant carriage of mixed materials by tipper to site, laying in uniform layers with paver in sub-base/base course on well prepared surface and compacting with vibratory roller to achieve the desired density complete as per specifications and directions of the Engineer in charge	Cum	2021.29	Rupees Two Thousand Twenty One and Twenty Nine Paise Only

Signature of the Contractor

Executive Engineer

of Work:Package-4, includes 4 works of Rs.1000.00 lakhs
prehensive development of roads and drains in ward no 08.09.10 &11Byatarayanapura Division.Package-5
Annuxure-2) GoSI No114,115,116,117

Sl. No.	Approved Qty.	Description	Unit	Approved Tender Rates of M S VENKATESH (M S V CONSTRUCTIONS COMPANY)	
				In Figures	In Words
23	10013.8	.Cleaning the existing WBM Road surface including removing of binding materials and other foreign matter with wire brushes and small picks sweeping with brooms or soft brushes and finally dusting with old gunny bags and bar or compressed air to receive bituminous treatment including cost of all materials, labhour, HOM of machineries complete as per specifications and directions of the Engineer in charge	Sqm	22.48	Rupees Twenty Two and Forty Eight Paise Only
24	23354.6	Providing and applying primer coat with S.S. bitumen emulsion on prepared surface of granular base such as WMM including cleaning of road surface and spraying primer at the rate of 0.60 kg / sqm using mechanical means complete as per specifications and directions of the Engineer in charge	Sqm	28.91	Rupees Twenty Eight and Ninety Paise Only
25	1532.65	Providing and laying dense graded bituminous macadam using crushed aggregates of specified grading, premixed with VG30 grade bituminous binder and, transporting the hot mix to work site, laying to the required grade, level and alignment, rolling with smooth wheeled, vibratory and tandem rollers to achieve the desired compaction in all respects complete as per specifications Clause 505 of MORTH V revisionusing 40/60 TPH capacity H.M.P. with Mechanical paver Gr-II (50 mm to 75 mm) with 4.5 % VG-30 Bitumen .complete as per specifications and directions of the Engineer in charge	Cum	6663.41	Rupees Six Thousand Six Hundred Sixty Three and Forty One Paise Only
26	93470.7	Cleaning the existing black topped surface with brooms,soft brushes and finally dusting with old gunny bags and/or compressed air to receive bituminous treatment including cost of all materials,labhour, HOM of machineries complete as per specifications and directions of the Engineer in charge	Sqm	5.35	Rupees Five and Thirty Five Paise Only
27	93470.7	Providing and applying tack coat using 80/100 grade bitumen(VG10) on the prepared black topped surfaces at 2.5 kg per 10 sqm, heating bitumen in boiler fitted with spray set (excluding cleaning of road surface) including cost of all materials, labour, HOM complete as per specifications and directions of the Engineer in charge	Sqm	12.85	Rupees Twelve and Eighty Four Paise Only
28	3960.21	Providing and laying Bituminous Concrete 40 mm thick with hot mix plant, using crushed aggregates of specified grading, premixed with bituminous binder and filler, transporting the hot mix to work site, laying with a paver finisher to the required grade, level and alignment , rolling with smooth wheeled, vibratory and tandem rollers to achieve the desired compaction in all respects complete as per specifications.Clause 507 of MORTH V revision as per IRC SP-53-2015 - using 40-60 TPH capacity HMP with mechanical Paver, Gr-II (30-45mm) with 5.4 % of modified bitumen binder consisting of 4.97% VG- 30 bitumen (60/70 grade) 0.43% Plastomeric Thermoplastics (Waste plastic Additive). complete as per specifications and directions of the Engineer in charge	Cum	7831.44	Rupees Seven Thousand Eight Hundred Thirty One and Forty Three Paise Only
29	3260.3	Road Marking with Hot Applied Thermoplastic Compound with Reflectrising Glass Beads on Bituminous Surface/ Concrete Surface: Providing and laying of hot applied thermoplastic compound 2.5 mm thick including reflectorising glass beads at 250 gms per sqm area, thickness of 2.5 mm is exclusive of surface applied glass beads as per IRC:35 standards specified. The finished surface to be level, uniform and free from streaks and holes complete as per specifications and directions of the Engineer in charge	Sqm	459.29	Rupees Four Hundred Fifty Nine and Twenty Eight Paise Only
30	476.8	KSRRB M200-24. Dismantling of cement concrete pavement by mechanical means using pneumatic tools, breaking to pieces not exceeding 0.02 cum in volume and stock piling at designated locations and disposal of dismantled materials stacking serviceable and unserviceable materials seperately complete as per specifications. MORTH Specification No. 202(P.No.140- I.No.18.47) & Pg No.136, Item No.17.4,17.1 (5km lead = 57+2*1.28X5)	Cum	1032.97	Rupees One Thousand Thirty Two and Ninety Six Paise Only
31	419.02	Cement concrete pavement.Construction of un-reinforced plain cement concrete for pavement, using a grade concrete M30 over a prepared base with OPC coarse aggregate @ 0.69cum fine aggregate @ 0.46cum,coarse and fine aggregate confirming to IS:383-2016,with superplastisiser @3lts confirming to IS9103-2008.mixed in a concrete mixer of not less than 0.6 cum capacity and appropriate weigh batcher as per approved mix design, laid in approved fixed side form work (steel channel, laying and fixing of 125 micron thick polythene film, wedges, steel plates including levelling the form work as per drawing). & Spreading the concrete with shovels, rackers compacted using needle, screed and plate vibrator and finished with floaters in a continuous operation including provision of contraction, expansion, construction and longitudinal joints including groove cutting charges, joint filler, separation membrane of impermiable plastic sheet of 125 micron, sealant primer, joint sealant, admixtures as approved, curing compound, finishing to lines and grades, textured with texturing machine,and curing including cost of all materials,labour,hire charges of machineries,all lead and lift charges etc., complete as per specifications and direction of site engineer in incharge	Cum	5263.07	Rupees Five Thousand Two Hundred Sixty Three and Six Paise Only

Signature of the Contractor

Executive Engineer

Name of Work:Package-4, includes 4 works of Rs.1000.00 lakhs
Comprehensive development of roads and drains in ward no 08.09.10 &11Byatarayanapura Division.Packag
(Old Annuxure-2) GoSI No114,115,116,117

Sl. No.	Approved Qty.	Description	Unit	Approved Tender Rate of M S VENKATESH (M S V CONSTRUCTIONS COMPANY)	
				In Figures	In Words
32	16.46	Earthwork excavation for foundation of buildings, water supply, sanitary lines and electrical conduits either in pits or in trenches 1.5m and above in width, in hard soil not exceeding 1.5 m. in depth including dressing the bottom and sides of pits and trenches, stacking the excavated soil clear from edges of excavation with lead upto 50 m. after breaking of clods complete as per specifications and directions of the Engineer in charge	cum	326.15	Rupees Three Hundred Twenty Six and Fourteen Paise Only
33	4.98	Providing and laying in position plain cement concrete of mix 1:3:6 with OPC cement @ 220kgs, with 40mm and down size graded granite metal coarse aggregates @0.892cum and fine aggregates @ 0.465cum machine mixed, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation including cost of all materials, labour, HOM of machinery, curing complete as per specifications and directions of the Engineer in charge	cum	5665.62	Rupees Five Thousand Six Hundred Sixty Five and Sixty One Paise Only
34	8.89	Providing and constructing granite / trap / basalt size stone masonry in foundation cement mortar 1:6, stone hammerd dressed in courses not less than 20 cms high, bond stones at two m. apart in each course including cost of materials, labour, curing complete as per specifications and directions of the Engineer in charge	cum	5013.32	Rupees Five Thousand Thirteen and Thirty One Paise Only
35	4.44	Providing and constructing granite / trap / basalt size stone masonry in basement with cement mortar 1:6, edges of stones chistle dressed in courses not less than 15 cms high, bond stones at two m. apart in each course including cost of materials, labour, curing complete as per specifications and directions of the Engineer in charge	cum	5980.86	Rupees Five Thousand Nine Hundred Eighty and Eighty Five Paise Only
36	5.02	Refilling available earth around pipe lines, cables in layers not exceeding 20cms in depth, compacting each deposited layer by ramming after watering with lead upto 50m. and lift upto 1.5 m. including cost of all labour complete as per specifications and directions of the Engineer in charge	cum	131.99	Rupees One Hundred Thirty One and Ninety Eight Paise Only
37	2.51	Providing and laying in position plain cement concrete of mix 1:2:4 with cement @ 240kgs, with 20mm and down size graded granite metal coarse aggregates :@0.69 cum and fine aggregtes @ 0.459cum, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation,plinth and cills, including cost of all materials, labour, HOM of machinery, curing complete as per specifications and directions of the Engineer in charge	cum	5914.32	Rupees Five Thousand Nine Hundred Fourteen and Thirty One Paise Only
38	9.88	Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for sides and soffits of beams, beam haunchings, cantilever girders, bressumers and lintels not exceeding 1m in depth including cost of all materials, labour complete as per specifications and directions of the Engineer in charge	Sqm	318.51	Rupees Three Hundred Eighteen and Fifty One Paise Only
39	2.31	Providing and laying in position reinforced cement concrete of design mix M20 with OPC cement @ 320kgs, with 20mm and down size graded granite metal coarse aggregates @0.69cum and fine aggregtes @ 0.460cum, with superplastisiser @3lts confirming to IS9103-1999 Reaffirmed-2008, machine mixed, concrete laid in layers not exceeding 15 cms thick, vibrated for all works in foundationfor footing ,pedestals ,retaining walls ,retern walls , walls (any thickness) including attached plasters, columns, pillars, posts, struts, buttresses, bed blocks, anchor blocks, and plinth etc., including cost of all materials, labour, HOM of machinery, curing, complete as per specifications and directions of the Engineer in charge	cum	6172.84	Rupees Six Thousand One Hundred Seventy Two and Eighty Three Paise Only
40	0.17	Providing T.M.T steel reinforcement for R.C.C work including straightening, cutting, bending, hooking, placing in position, lapping and / or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as per design (laps, hooks and wastage shall not be measured and paid) cost of materials, labour, HOM of machinery complete as per specifications and directions of the Engineer in charge	Tonne	77409.71	Rupees Seventy Seven Thousand Four Hundred Nine and Seventy One Paise Only
41	42.06	Providing and constructing load bearing wall with solid concrete blocks of size 400x200x200 mm having block density not lessthan 1800 kg/m3 and having a minimum average compressive strength 5.00 N/mm2 confirming to IS 2185 (Part) : 2005 and constructed with CM 1:4 , as per IS 2572:2005 including cost of all materials, labour charegs, scaffolding, curing complete as per specifications and directions of the Engineer in charge	sqm	994.81	Rupees Nine Hundred Ninety Four and Eighty Paise Only
42	84.11	Providing 20mm thick cement plaster in single coat with cement mortar 1:3, to stone masonry & concrete surface including rounding off corners wherever required smooth rendering, : Providing and removing scaffolding, including cost of materials, labour, curing complete as per specifications and directions of the Engineer in charge	sqm	277.06	Rupees Two Hundred Seventy Seven and Six Paise Only

Signature of the Contractor

Executive Engineer

of Work:Package-4, includes 4 works of Rs.1000.00 lakhs
prehensive development of roads and drains in ward no 08.09.10 &11Byatarayanapura Division.Package-5
d Annuxure-2) GoSI No114,115,116,117

Sl. No.	Approved Qty.	Description	Unit	Approved Tender Rates of M S VENKATESH (M S V CONSTRUCTIONS COMPANY)	
				In Figures	In Words
43	450	Fabricating, supplying and erecting M.S. TubularTruss of span upto 10m. The bottom and top member is provided with 50x50x6mm double equal angles, welded back to back and in between top and bottom line, in areas of mid section is provided with 50x50x6mm equal single angle for vertical and inclined members and at supporting ends 40x40x5mm single angle is provided. All the members are welded together with 6mm gusset plate as per Drawing. The entire truss is anchored in RCC column by using 4 Nos. of M.S. anchor bolts at each support, with 10mm thick base plate and shoe plate.The work includes cutting, straightening, placing in position of M.S angle and wleding wherever necessary, and applying one coat of red oxide primer coat to all themembers including cost of all materials, labour charges, and hire charges of machineries for cutting, welding, grinding and erection equipments, with all lead and lift, transportation, etc., complete as per specifications and directions of the Engineer in charge	kg	119.99	Rupees One Hundred Nineteen and Ninety Eight Paise Only
44	25.87	PROVIDING TRAPEZOIDAL PROFILED SHEET Providing and installing of pre painted Galvolume iron Trapezoidal profiled sheet of approved make 1060 mm width (1000 mm cover width), 28-30 mm crest height with crest distance of 200 mm c/c with 2 ribs at the centre for stiffening. The total coated thickness (TCT) of the sheet will be 0.47 mm +/- 0.02 mm tolerance Zinc-Alu Alloy coating AZ150 gsm as per ASTM 1397/A755-550 mpa steel grade, 5-7 microns epoxy primer on both side of the sheet and polyester top coat 20-22 microns using self drilling/self tapping screws of 25 mm length, to be fixed over the existing purlins, rafters, channels and trusses.complete as per specifications and directions of the Engineer in charge	sqm	750.47	Rupees Seven Hundred Fifty and Forty Seven Paise Only
45	7.2	Providing, fabricating, assembling and fixing in position aluminium doors using following aluminium mat finish or glossy finish, outer frame plain section 101.6x44.45mm thickness 3.18mm, section weight 2.404 kg/m, door shutters vertical section 44.62x44.45mm thickness 3.18mm, section weight 1.505kg/m, top section 47.62x44.45mm thickness 3.00mm, section weight 1.426kg/m bottom section 114.3x44.45 thickness 3.18mm, section weight 2.646kg/m, door central section 49.91x44.45mm thickness 3.00mm, section weight 1.495 kg/m glazing clips 19x17.3x11mm thickness 0.9mm section weight 0.124kg/m; aluminium sections cut to length joint metred cornersgrinded, the shutters pivoted opening arrangement with heavy duty aluminium alloy automatic door closures floor mounted, providing and fixing standard approved accessories, such as aluminium handle for full width or length, tower bolts, lock, pivots: P.V.C. or rubber gasket with 5.5m. thick plain glass for top and bottom panel; aluminium sections treated for removal of any rust and prevention of further rust formation, and coated with greasy materials for non-adherance of mortars or any other sticky materials; the assembled frame fitted with the corner angles, strips and fitted with screws, rawl plugs or teakwood gutties to R.C.C. columns or masonry on sides. beams and flooring in bottom. including cutting, chistling and making good with cement mortar to match the surface; all the frames throughly cleaned free from rust, scale, or dirt including cost of materials, fixtures, labour and HOM of machinery complete as per specifications. section anodized to 12-15 micronscomplete as per specifications and directions of the Engineer in charge	sqm	6687.69	Rupees Six Thousand Six Hundred Eighty Seven and Sixty Nine Paise Only
46	1.44	Providing and fixing in position aluminium windows and ventilators as per approved drawings with sliding shutters using three track window frame of size 92x31.75mm bottom section 1.3mm thick, weight 1.07kg/m; sides and top sections 1.3 mm, thick, weight 0.933 kg/m.shutter frame section comprising top and bottom section of size 40mmx18mm, wall thickness 1.25mm. weight 0.417 kg./m. shutter side outer 40mmx18mm. wall thickness 1.25mm. weight 0.417 kg/m, shutter interlock section 40mmx26.7mm wall thickness 1.1 mm. thick, weight 0.469 kg/m, the shutters mounted on nylon rollers with approved quality of fixtures such as aluminium handles tower bolts etc.; providing and fixing 5.5mm. thick plain glass for shutters fitted with rubber beading all aluminium sections including cutting to required length, joints mitred subdividing the frame tenonned and rivetted, in the assembled frame, stiffened with end clips for corners, angles etc., and fixed to the walls, lintels, floor beams/cills as the case may be, with necessary steel screws, raul plugs or teak wood gatties including cutting masonry or concrete and making good the original surface using cement mortar. using aluminium section powdered coated to a minimum of 60-70 microns with exterior durable pure polyester grade powder of approved quality.complete as per specifications and directions of the Engineer in charge	sqm	4837.70	Rupees Four Thousand Eight Hundred Thirty Seven and Sixty Nine Paise Only

Signature of the Contractor

Executive Engineer

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Comprehensive development of roads and drains in ward no 08.09.10 &11Byatarayanapura Division.Packa
(Old Annuxure-2) GoSI No114,115,116,117

Sl. No.	Approved Qty.	Description	Unit	Approved Tender Rate of M S VENKATESH (M S V CONSTRUCTIONS COMPANY)	
				In Figures	In Words
47	19.2	Providing flooring with 60 cms.x 60 cms. size Vitrified glazed tiles of approved quality & make, fixed on top of existing flooring fixed with suitable adhesive, including cutting the tiles to the required size and fixing etc., complete. complete as per specifications and directions of the Engineer in charge	sqm	1128.98	Rupees One Thousand One Hundred Twenty Eight and Ninety Seven Paise Only
48	7.2	Providing and fixing pull and push type rolling shutters of approved make out of 18 guage, 75mm wide cold rolled steel laths of convex corrugation, with side guides and bottom rail, with interlocking arrangements for steel laths by means of alternate clips, suspension shaft with High tension coil type springs two numbers, mounted on specially designed pipe shaft, with bracket plates, guide channels, ball bearing arrangements, for inside & outside locking with push & pull operations complete including pulling hooks, 4Nos. handles with all fittings and accessories, painted with a coat of red lead paint (without top cover) cost of materials, labour, HOM of machinery complete as per specifications. Shutter size 3mx2.8 m complete as per specifications and directions of the Engineer in charge	sqm	2791.05	Rupees Two Thousand Seven Hundred Ninety One and Five Paise Only
49	336	Providing and fixing M.S.grill work for windows and ventilators weighing 21kg/sqm using M.S. flats, or M.S. square rods, or combination of M.S. flats and square rods as per approved design, drawing including cutting steel sections and welding the same to required pattern with a coat of red lead primer, cost of materials, fixtures, labour and HOM of machinery complete as per specifications and directions of the Engineer in charge	kg	101.71	Rupees One Hundred One and Seventy Paise Only
50	2.52	Providing and laying flooring using prepolished, water cut/ gang saw 19mm thick granite laid over bed of 20mm thick CM 1:4 and jointed with neat cement slurry mixed with pigments to match shade of granite slabs including laying of POP on finished surface and claning the surface including cost of all meterials and labour etc, complete as per specifications.using solver grey granite/multy red/ruby red/black/Hassan green granite of width not less than 1200mm, mm.complete as per specifications and directions of the Engineer in charge	sqm	2482.66	Rupees Two Thousand Four Hundred Eighty Two and Sixty Six Paise Only
51	50.7	Providing and finishing external walls in two coats with waterproof cement paint of approved brand and shade to give an even shade after throughly brooming the surface to remove all dirt and loose powdered material, free from mortar drops and other foreign matter cost of materials, labour, complete as per specifications, with primer complete as per specifications and directions of the Engineer in charge	sqm	111.26	Rupees One Hundred Eleven and Twenty Six Paise Only
52	50.7	Providing and applying painting in two coats with plastic emulsion paint of approved brand on wall surface to give an even approved shade after thoroughly brushing the surface, free from mortar drops and other foreign matter including preparing the surface even and sand paper smooth, cost of materials, labour, complete as per specifications and directions of the Engineer in charge	sqm	98.17	Rupees Ninety Eight and Seventeen Paise Only
53	32.57	Providing and applying enamel metal paint two coats (excluding priming coat) over new steel or other metal surface brushing to give an even shade after cleaning oil, grease, dirt and other foreign matter, including cost of materials, labour, complete as per specificationscomplete as per specifications and directions of the Engineer in charge	sqm	103.63	Rupees One Hundred Three and Sixty Two Paise Only
54	11.44	Conveying the excavated earth by private vehicle up to 15KMS including lead and lift loading unloading etc., complete as per specifications and directions of the Engineer in charge	cum	104.06	Rupees One Hundred Four and Six Paise Only
55	2	Providing and placing on terrace, polyethylene water storage tanks with manhole lid and suitable locking arrangements, making holes of suitable diameter for inlet, outlet and over flow pipes, including cost of all materials, labour, transport charges, HOM of equipments and testing complete as per specifications.(For 1000 litre capacity) complete as per specifications and directions of the Engineer in charge	Nos.	7447.98	Rupees Seven Thousand Four Hundred Forty Seven and Ninety Eight Paise Only
56	50	Providing and fixing Chorinated Poly Venyl Chloride (CPVC) pipes conforming to IS 15778, having thermal stability for hot and cold water supply including all CPVC plain and brass threaded fittings including fixing the pipe with clamp at 1.00 mtr spacing. This includes jointing of pipes and fittings with one step CPVC solvent cement & the cost of cutting chases & making good the same including testing of joints complete. (Concealed work including cutting chases and good the walls etc.)25MM DIAcomplete as per specifications and directions of the Engineer in charge	M	319.60	Rupees Three Hundred Nineteen and Sixty Paise Only
57	3	Providing and fixing in position brass gate valve with C.I wheel of approved quality (screwed end) 25mm nominal bore including cost of all materials, labour and HOM of equipments with all leads complete as per specifications. Specification No.KBS 13.2.6 / 13.3 complete as per specifications and directions of the Engineer in charge	each	489.77	Rupees Four Hundred Eighty Nine and Seventy Six Paise Only

Signature of the Contractor

Executive Engineer

Sl. No.	Approved Qty.	Description	Unit	Approved Tender Rates of M S VENKATESH (M S V CONSTRUCTIONS COMPANY)	
				In Figures	In Words
58	1	SKID SS 202, PUMP CRI1HP, VESSEL-1354 PENTAIR, PRESSURE GAZE 10KGS NORMAL, MPV-1"NB FRONT FACE FILTER, HOUSING 20"JUMBO-1", SPUN 20 JUMBO, PUMP CRI 2 -180-3, PT-8040 FRP PANTHER, MEMBRANE DOW 8040, CONTROLL PANNEL 1X3 (SUPER), ROTAMETER 120-1680 ACRYLIC, ROTAMETER 400-2000 ACRYLIC, PRESSURE GAZE GLYSERINE - 21KG PANTHER, BRINE CON VALVE 3/4, ACRYLIC SHEET, LPS DENFOS, HPS DENFOS, DOSINGPUMP DOSE, SAND, CHEEPS, ACTIVATED CARBON INDUSTRIAL, ANTI DOSING CHEMICAL, HANDLE VALVE, ASSEMBLING AND COMMISSIONING, TANK SS304 1000LTR INCLUSIVE OF AUTOMATED COIN MACHINE complete as per specifications and directions of the Engineer in charge	nos	606000.00	Rupees Six Hundred Six Thousand Only
59	50	Open conduit System: Supplying heavy gauge PVC conduit pipe .....dia confirming to IS 2509 with suitable size bends, plugs in case of RCC ceiling and RCC wall stone structure or rawl plugs in case of brick walls and cement plastering damaged portion using heavy gauge saddles at an interval of 700mm using WF screws.a) 19/20mm dia 2mm thick chaper -1complete as per specifications and directions of the Engineer in charge	Mtr	50.50	Rupees Fifty and Fifty Paise Only
60	4	Supplying and flush mounting teak wooden box without front plank, made of not less than 15mm thick wood, after due groove cutting, necessary masonry patch work complete. d)8"x6"x3"(203x152x76mm) complete as per specifications and directions of the Engineer in charge	each	54.54	Rupees Fifty Four and Fifty Four Paise Only
61	1	Point wiring using copper wire with switch Supplying and wiring adopting loop system in existing PVC Conduit/casing caping using Copper PVC insulated multi strand 2x1.5Sqmm copper wire with a 6Amps flush type SP control switch shall be fixied on the exisiting plastic sheet /gang box, the pther end of the wires shall be terminated with sufficient loose length in a wood/PVC round block.complete for each outlet. I. Point wiring using class A materials a) Short point upto 3Mtr from tapping point to out let via switch chaper-1 complete as per specifications and directions of the Engineer in charge	each	202.00	Rupees Two Hundred Two Only
62	1	Point wiring using copper wire with switch Supplying and wiring adopting loop system in existing PVC Conduit/casing caping using Copper PVC insulated multi strand 2x1.5Sqmm copper wire with a 6Amps flush type SP control switch shall be fixied on the exisiting plastic sheet /gang box, the pther end of the wires shall be terminated with sufficient loose length in a wood/PVC round block.complete for each outlet. I. Point wiring using class A materials a) Short point upto 3Mtr from tapping point to out let via switch chaper-1 Medium point above 3Mtr upto 6Mtr from tapping pointr to out let viaswitch complete as per specifications and directions of the Engineer in charge	each	277.75	Rupees Two Hundred Seventy Seven and Seventy Five Paise Only
63	4	Point wiring using copper wire with switch Supplying and wiring adopting loop system in existing PVC Conduit/casing caping using Copper PVC insulated multi strand 2x1.5Sqmm copper wire with a 6Amps flush type SP control switch shall be fixied on the exisiting plastic sheet /gang box, the pther end of the wires shall be terminated with sufficient loose length in a wood/PVC round block.complete for each outlet. I. Point wiring using class A materials Long point above 6Mtr upto 10Mtr from tapping point to out let via switch 3complete as per specifications and directions of the Engineer in chargec	each	404.00	Rupees Four Hundred Four Only
64	1	Supplying 6A flush/projected type socket and a 6 amps flush/ projected type SP switch either surface/flush mounting in a exisiting gang box or in a 4mm thick plastic sheet and fixing over a flush mounted wooden box and wiring using necessary capacity wires as required. b) 6Amps 3/5 way chapter-1 p.no.15.i.no.3.1.1complete as per specifications and directions of the Engineer in charge	each	133.32	Rupees One Hundred Thirty Three and Thirty Two Paise Only
65	80	Wiring for lighting/power circuit using one of FLRS PVC insulated 1100v grade, multis and CopperWITH LOW conductor single core cable in open or consealed system of wiring.I Group A Materials.a) 1.5 sqmm chapter no 1complete as per specifications and directions of the Engineer in charge	m	20.71	Rupees Twenty and Seventy Paise Only
66	30	Wiring for lighting/power circuit using one of FLRS PVC insulated 1100v grade, multis and CopperWITH LOW conductor single core cable in open or consealed system of wiring.I Group A Materials.2.5Sqmm p.no.6.i.no.2.5.21complete as per specifications and directions of the Engineer in charge	m	32.32	Rupees Thirty Two and Thirty Two Paise Only
67	160	Wiring for lighting/power circuit using one of FLRS PVC insulated 1100v grade, multis and CopperWITH LOW conductor single core cable in open or consealed system of wiring.I Group A Materials.c4 sqmm p.no.6.i.no.2.5.3 complete as per specifications and directions of the Engineer in charge	m	45.45	Rupees Forty Five and Forty Five Paise Only
68	1500	Supplying 4mm thick plastic sheet with necessary niches for fixing switches, regulators etc., and fixing on exisiting wood or metal box using N.F.screws complete as per specifications and directions of the Engineer in charge	sq cm	0.27	and Twenty Seven Paise Only

Signature of the Contractor

Executive Engineer

Name of Work:Package-4, includes 4 works of Rs.1000.00 lakhs
Comprehensive development of roads and drains in ward no 08.09.10 &11Byatarayanapura Division.Packa
(Old Annuxure-2) GoSI No114,115,116,117

Sl. No.	Approved Qty.	Description	Unit	Approved Tender Rate... M S VENKATESH (M S V CONSTRUCTIONS COMPANY)	
				In Figures	In Words
69	4	Supplying and fixing pbbc bakelight stright or slant batton holderand wiring within 60v/230volts lamp group A chapter -2 complete as per specifications and directions of the Engineer in charge	each	88.88	Rupees Eighty Eight and Eighty Eight Paise Only
70	2	Supplying and fixing retrofit type -PL-LED lamp...W LED linear Source with CCT 6500 degree K, CRI>70%efficacy>80 lumen per watt,life>25000 burning hours and compliance to IS 10322/IEC 60598,LM 79 and LM80.The LED are driven by HF electronicdriver integrated in the system, with PF>0.95, power loss Should <5% of lam Wattage.,short Circuit and open circuit Protection to be integrated Circuit, THD less than 20%,life as per LM79.the operating input voltage should be between130 t 275 volts.Tested by NABL/CPRI accredited laboratory with 2 years Warranty agnist any manufacturing defect working under standard electrical condition.18-20Watts complete as per specifications and directions of the Engineer in charge	each	429.25	Rupees Four Hundred Twenty Nine and Twenty Five Paise Only
71	1	Supply wall mountaing fan suitable to operate of single phase -230v A.C supply 400mm sweep a.group A chapter 3.complete as per specifications and directions of the Engineer in charge	each	2828.00	Rupees Two Thousand Eight Hundred Twenty Eight Only
72	1	Supply of LED Streetlight luminaire with pressure die cast aluminium housing body for optimal thermal dissipation. Lamp compartment comprising of anti glare clear diffuser with Injection moulded polycarbonate material, delivering superior light output. Rated life Burning Hrs 50000 hr @ Lumen Maintenance of 70%, maximum light intensity should be between 60 degrees to 70 degrees. CCT > 5500K, IP 66 optical and electrical compartment & impact resistance of complete luminaire > IK08. Power Factor >0.9 with mains, Surge Protection- Min 5KV along with Over voltage/ Overload, short circuit/ miss-wiring protection. Compatible for pole mouting with outer dia of 40mm to 50mm. Universal Voltage driver to operate wide voltage range from 100V to 270V 50/60Hz application. Compliance to IS 10322/IEC 60598, LM 79 & LM 80 Adherence with RoHS. UL approved MCPCB. Top access street light with single screw to ensure ease of maintenance at the sight site location with minimized minimal tools. LED Light fixture with .....W System Power consumption. LED Efficiency>130lm/w, nominal CRI >75. Luminaire manufacturer should have in-house facility accredited by NABL/CPRI & any Government certified agency & Design & Development facility certified by ISO 9001:2008 . Housing with supplier word mark /name shall be Engraved / Embossing on the die cast housing/ Body part. Warranty of 2 Years against any manufacturing defect working under standard electrical conditions as mentioned above should be given by LED manufacturer & Cree/Nichia/ Lumileds/Osram make LED Source.complete as per specifications and directions of the Engineer in charge	each	3393.60	Rupees Three Thousand Three Hundred Ninety Three and Sixty Paise Only
73	2	Supplying and fixing of T5 Fluorescent Tube with 14W power consumption with low 3mg Mercury content & below 40% glass content than T8 lamp & 20% less phosphor coating than T8 with initial lumen on 1350 (for 3000-6500 deg Kelvin), rated Avg life (12 Hr. Cycle) of greater than 35000 burring hours. Operating voltage range from 180V to 265V, 50Hz AC power Supplycomplete as per specifications and directions of the Engineer in charge	each	122.21	Rupees One Hundred Twenty Two and Twenty One Paise Only
74	2	Supply and fixing polished wood board made of not less than 15mm thick plank on both sides with plank made out of not more than 2 pices and fixing the same to the wall using tapered inverted woode plug screws etc., a) 20"x20"2.5" chapter complete as per specifications and directions of the Engineer in charge	each	294.92	Rupees Two Hundred Ninety Four and Ninety Two Paise Only
75	6	Supplying and fixing of Procelain fuse channel with cut out on exisiting wooden/panel using necessary nuts, bolts and washers etc., complete.a) 32Amps champter 5 complete as per specifications and directions of the Engineer in charge	each	175.74	Rupees One Hundred Seventy Five and Seventy Four Paise
76	1	Supply of an load charge over switches 4poles 415v 50Hz A.C supply with AC23A duty a) up to 63amps Groups A chapter 5.complete as per specifications and directions of the Engineer in charge	each	4343.00	Rupees Four Thousand Three Hundred Forty Three
77	1	Supplying and fixing miniature circuit breakers on existing MCB distribution boards using necessary fixing materials and C type curve indicator ON/OFF Energy cross 3 with short circuit breaking capacity of 10K and complete wiring as required. e)6-32amps TPN . Group A chapter 5complete as per specifications and directions of the Engineer in charge	each	2420.97	Rupees Two Thousand Four Hundred Twenty and Ninety Seven Paise Only
78	3	Supplying and fixing miniature circuit breakers on existing MCB distribution boards using necessary fixing materials and C type curve indicator ON/OFF Energy cross 3 with short circuit breaking capacity of 10K and complete wiring as required. e)6-32amps TPN . Group A chapter 5 6-32amps TPN complete as per specifications and directions of the Engineer in charge	each	1732.15	Rupees One Thousand Seven Hundred Thirty Two and Fifteen Paise Only

Signature of the Contractor

Executive Engineer

...e of Work:Package-4, includes 4 works of Rs.1000.00 lakhs
...mprehensive development of roads and drains in ward no 08.09.10 &11Byatarayanapura Division.Package-5
...ld Annuxure-2) GoSI No114,115,116,117

Sl. No.	Approved Qty.	Description	Unit	Approved Tender Rates of M S VENKATESH (M S V CONSTRUCTIONS COMPANY)	
				In Figures	In Words
79	1	Supplying fixing and wiring Electronic10 to 40 amps Three phase 4wire class -1 Accuracy energy meter Group A chapter 5 complete as per specifications and directions of the Engineer in charge	each	4949.00	Rupees Four Thousand Nine Hundred Forty Nine Only
80	2	Supplying, fixing, wiring, earth electrode for grounding conduits, I.C. cutouts and other equipments on the meter board using 40mm dia 2.90 thick GI pipe 2.5 mtr long buried in a pit ... The pit should be filled with equal proprotion of salt and charcoal 150mm alround the pipe to complete depth. the connection form the pipe to the conduit etc, is to be established through GI wire of size as oer ISI specification 7.3.3. of IS 732 using 12mm dia bolts, nuts, washers and checknuts etc, the pipe shall have 16 through holes of 12mm dia.chapter 9. complete as per specifications and directions of the Engineer in charge	NO	3029.70	Rupees Three Thousand Twenty Nine and Sixty Nine Paise Only
81	15	Supplying and running of GI/Copper strips for grounding connections using necessary fixing material as required GI strip 25x3mm complete as per specifications and directions of the Engineer in charge	mtrs	75.75	Rupees Seventy Five and Seventy Five Paise Only
82	40	Supplying of LT UG cable having aluminium conductor PVC insulated, sheathed, galvanished, steel wire/steel tap armoured cable with PVC outer sheating 1.1 KV class.I. Class 'A' PVC Cable.d) 4 core 16 sqmm chapter 9. complete as per specifications and directions of the Engineer in charge	mtrs	151.50	Rupees One Hundred Fifty One and Fifty Paise Only
83	30	Labour charges for lying of 1.1 KV class UG cable when supplied agency in existing trench GI pipe / stoneware pipe / on wall /on pole as required. I. In existing trench/duct.a) 6 sqmm to 16 sqmm complete as per specifications and directions of the Engineer in charge	mtrs	12.00	Rupees Eleven and Ninety Nine Paise Only
84	30	Digging of trench of 0.6 m deep x 0.50 mtr wide refilling the trench to the required ground level and consolidating etc.,complete. .a) In soil (ordinary) complete as per specifications and directions of the Engineer in charge	Mtr	76.76	Rupees Seventy Six and Seventy Six Paise Only
85	2	Supplying and fixing of class A (medium duty) GI pipe of wall thick ness not less than 3.25mm on pole/wall/drain crossing with necessary clamping arrangements for UG cable of 1.1 KV class. a) 40mm complete as per specifications and directions of the Engineer in charge	mtrs	338.35	Rupees Three Hundred Thirty Eight and Thirty Five Paise Only
86	1	Supplying &fixing L.T.cast iron pot heads suitable for 1.1 KV class UG cable filled with necessary bitumen/insulating compound complete with terminals, clamps, bolts, nuts and washers ect.b) complete as per specifications and directions of the Engineer in charge	each	272.70	Rupees Two Hundred Seventy Two and Seventy Paise Only
87	1	Geophysical investigation of site for sinking Borewell for supplying drinking water to the habitation either through the Hand pump, MWS of P.W.S.S by vertical electrical sounding by adopting Venner or Schlumberger's method, including reconnaissance survey of geological formation, Gerophysical investigation of existing Ground Wate in the vicinity, its quality & acceptability of the users indicating the location of site, recommended depth of casing pipe required to seal the top unconsolidated formation including an extra depth of 1.0 meter in consolidated formation for proper seating of casing pipe, depth of drilling required to cover full depth of aquifer proposed to be tapped, probable yield and other information required including transportation of instrument and accessories to work site., engaging techinical personal and labour required etc complete as per specifications and directions of the Engineer in charge	Each	3805.68	Rupees Three Thousand Eight Hundred Five and Sixty Eight Paise Only
88	50	Sinking borewell of 165 mm dia clear using super fast hydraulic rig of capacity 250 PSIG & above CFM & above in all strats including over burden upto 20 mts fixing of casing pipes, collars and cap with necessary cutting, throading and welding including transportation of rig and supporing vehicles, crew charges and cost of consumables etc., complete including yield testing at the final depth with a minimum working of compressor for one hour (excluding coat of casing pipes, collars and cap etc.,) ,with all lead and lift, loading, unloading and labour charges etc., complete as per specifications and directions of the Engineer in charge	Rmtr	350.47	Rupees Three Hundred Fifty and Forty Seven Paise Only
89	50	Sinking borewell of 165 mm dia clear using super fast hydraulic rig of capacity 250 PSIG & above CFM & above in all strats including over burden upto 20 mts fixing of casing pipes, collars and cap with necessary cutting, throading and welding including transportation of rig and supporing vehicles, crew charges and cost of consumables etc., complete including yield testing at the final depth with a minimum working of compressor for one hour (excluding coat of casing pipes, collars and cap etc.,) ,with all lead and lift, loading, unloading and labour charges etc.,50-100mtrs complete as per specifications and directions of the Engineer in charge	Rmtr	446.42	Rupees Four Hundred Forty Six and Forty Two Paise Only

Signature of the Contractor

Executive Engineer

Name of Work:Package-4, includes 4 works of Rs.1000.00 lakhs
Comprehensive development of roads and drains in ward no 08.09.10 &11Byatarayanapura Division.Packag
(Old Annuxure-2) GoSI No114,115,116,117

Sl. No.	Approved Qty.	Description	Unit	Approved Tender Rates of M S VENKATESH (M S V CONSTRUCTIONS COMPANY)	
				In Figures	In Words
90	50	Sinking borewell of 165 mm dia clear using super fast hydraulic rig of capacity 250 PSIG & above CFM & above in all strats including over burden upto 20 mts fixing of casing pipes, collars and cap with necessary cutting, throading and welding including transportation of rig and supporing vehicles, crew charges and cost of consumables etc., complete including yield testing at the final depth with a minimum working of compressor for one hour (excluding coat of casing pipes, collars and cap etc.,) ,with all lead and lift, loading, unloading and labour charges etc.,100-150mtrs complete as per specifications and directions of the Engineer in charge	Rmtr	460.56	Rupees Four Hundred Sixty and Fifty Six Paise Only
91	50	Sinking borewell of 165 mm dia clear using super fast hydraulic rig of capacity 250 PSIG & above CFM & above in all strats including over burden upto 20 mts fixing of casing pipes, collars and cap with necessary cutting, throading and welding including transportation of rig and supporing vehicles, crew charges and cost of consumables etc., complete including yield testing at the final depth with a minimum working of compressor for one hour (excluding coat of casing pipes, collars and cap etc.,) ,with all lead and lift, loading, unloading and labour charges etc.,150-200mtrs complete as per specifications and directions of the Engineer in charge	Rmtr	541.36	Rupees Five Hundred Forty One and Thirty Six Paise Only
92	50	Sinking borewell of 165 mm dia clear using super fast hydraulic rig of capacity 250 PSIG & above CFM & above in all strats including over burden upto 20 mts fixing of casing pipes, collars and cap with necessary cutting, throading and welding including transportation of rig and supporing vehicles, crew charges and cost of consumables etc., complete including yield testing at the final depth with a minimum working of compressor for one hour (excluding coat of casing pipes, collars and cap etc.,) ,with all lead and lift, loading, unloading and labour charges etc., 200-250mtrs complete as per specifications and directions of the Engineer in charge	Rmtr	640.34	Rupees Six Hundred Forty and Thirty Four Paise Only
93	50	Sinking borewell of 165 mm dia clear using super fast hydraulic rig of capacity 250 PSIG & above CFM & above in all strats including over burden upto 20 mts fixing of casing pipes, collars and cap with necessary cutting, throading and welding including transportation of rig and supporing vehicles, crew charges and cost of consumables etc., complete including yield testing at the final depth with a minimum working of compressor for one hour (excluding coat of casing pipes, collars and cap etc.,) ,with all lead and lift, loading, unloading and labour charges etc., 250-300mtrs complete as per specifications and directions of the Engineer in charge	Rmtr	707.00	Rupees Seven Hundred Seven Only
94	50	Sinking borewell of 165 mm dia clear using super fast hydraulic rig of capacity 250 PSIG & above CFM & above in all strats including over burden upto 20 mts fixing of casing pipes, collars and cap with necessary cutting, throading and welding including transportation of rig and supporing vehicles, crew charges and cost of consumables etc., complete including yield testing at the final depth with a minimum working of compressor for one hour (excluding coat of casing pipes, collars and cap etc.,) ,with all lead and lift, loading, unloading and labour charges etc., 300-350mtrs complete as per specifications and directions of the Engineer in charge	Rmtr	833.25	Rupees Eight Hundred Thirty Three and Twenty Five Paise Only
95	50	Sinking borewell of 165 mm dia clear using super fast hydraulic rig of capacity 250 PSIG & above CFM & above in all strats including over burden upto 20 mts fixing of casing pipes, collars and cap with necessary cutting, throading and welding including transportation of rig and supporing vehicles, crew charges and cost of consumables etc., complete including yield testing at the final depth with a minimum working of compressor for one hour (excluding coat of casing pipes, collars and cap etc.,) ,with all lead and lift, loading, unloading and labour charges etc., 350-400mtrs complete as per specifications and directions of the Engineer in charge	Rmtr	909.00	Rupees Nine Hundred Nine Only
96	60	Supply of ISI mark 175 mm nominal bore medium black ERW casing pipe of 5 mm thick black electric resistance continuous welded mild steel tube material confirming to IS 1387 / 1993 & manufactured from hot rolled steel skelp / stripes in random length of 4 to 7 mts both ends threaded confirming to IS 554 / 1985, one end fixed with a socket and the other and with a plastic protection end (including of all taxes) ,with all lead and lift, loading, unloading and labour charges etc., complete as per specifications and directions of the Engineer in charge	Rmtr	1378.40	Rupees One Thousand Three Hundred Seventy Eight and Thirty Nine Paise Only
97	10	Providing and fixing 250mm dia PVC Pipe and as per specification and directions.(BWSSB SR 13-14complete as per specifications and directions of the Engineer in charge	Rmtr	1144.33	Rupees One Thousand One Hundred Forty Four and Thirty Three Paise Only

Signature of the Contractor

Executive Engineer

...e of Work:Package-4, includes 4 works of Rs.1000.00 lakhs
...mprehensive development of roads and drains in ward no 08.09.10 &11Byatarayanapura Division.Package-5
...Old Annuxure-2) GoSI No114,115,116,117

Sl. No.	Approved Qty.	Description	Unit	Approved Tender Rates of M S VENKATESH (M S V CONSTRUCTIONS COMPANY)	
				In Figures	In Words
98	1	175mm dia M.S. Casing cap(P.No-111,I.No-85,PRED 12-13 SR)complete as per specifications and directions of the Engineer in charge	Each	104.03	Rupees One Hundred Four and Three Paise Only
99	10	M.S. Casing pipe collars 'C' Class (P.No-111,I.No-86,PRED 12-13 SR)complete as per specifications and directions of the Engineer in charge	Each	156.05	Rupees One Hundred Fifty Six and Four Paise Only
100	22000	Fabrication supplying and mounting MS box of 16 SWG suitable for floor /wall mounting, fully weather proof with provision for better heat dissipation, provided with hinged front cover, equipped with tamper proof locking arrangements, with suitable size clamps with necessary cable entry pipe with gland and box should be finished 2 coats of red oxide primer paint and finally finished with approved colour enamelled metal paint etc., complete box of 21600 sqcm with all lead and lift, loading, unloading and labour charges etc., complete and as per the directions of the Engineer-in-charge of the work.)complete as per specifications and directions of the Engineer in charge	Sq.cm	0.34	and Thirty Four Paise Only
101	59	Labour charges for erection as new /repaired submercible pumpset allong with GI pipe (32/50mm) cable (new submercible pumpset if required will be supplied by the department free of cost and released pumpset shoud be handed over to department including transportation (Each lenth =6.00))complete as per specifications and directions of the Engineer in charge	L	91.55	Rupees Ninety One and Fifty Four Paise Only
102	1	Erection of combined panel board meter board with all necessary materials and labour including providing CC 1:3:6 foundation bed etc,. Complete for basement out door type.(MR)complete as per specifications and directions of the Engineer in charge	Nos	479.75	Rupees Four Hundred Seventy Nine and Seventy Five Paise Only
103	3	Supplying and fixing of Porcelain fuse channel with cut out on existing wooden / panel using necessary nuts, bolts and washer etc.,with all lead and lift, loading, unloading and labour charges etc., complete and as per the directions of the Engineer-in-charge of the work complete as per specifications and directions of the Engineer in charge	Nos	151.50	Rupees One Hundred Fifty One and Fifty Paise Only
104	38	Supplying and fixing of Porcelain fuse channel with cut out on existing wooden / panel using necessary nuts, bolts and washer etc.,with all lead and lift, loading, unloading and labour charges etc., complete and as per the directions of the Engineer-in-charge of the work complete as per specifications and directions of the Engineer in charge	Mtr	171.65	Rupees One Hundred Seventy One and Sixty Four Paise Only
105	38	Digging of trench of 0.6m deep x 0.50 mtr wide refilling the trench to the required ground level and consolidating etc., complete sutting road surfacescomplete as per specifications and directions of the Engineer in charge	Mtr	85.85	Rupees Eighty Five and Eighty Five Paise Only
106	3	Supplying and fixing of class A GI pipe on pole/wall/drain crossing with necessary clamping arrangements for UG cable of 1.1 KV class 40mm complete as per specifications and directions of the Engineer in charge	Mtr	297.53	Rupees Two Hundred Ninety Seven and Fifty Two Paise Only
107	1	Supplying, fixing, wiring, earth electrode for grounding conduits, I.C. cutouts and other equipment's on the meter board using 40mm dia 2.90mm thick GI pipe 2.5 mtr long buried in a pit ... The pit should be filled with equal proportion of salt and charcoal 150mm all-round the pipe to complete depth. The connection from the pipe to the conduit etc., is to be established through GI wire of size as per ISI specification 7.3.3. of IS 732 using 12mm dia bolts, nuts, washers and check nuts etc., the pipe shall have 16 through holes of 122 mm dia, complete as per specifications and directions of the Engineer in charge	Nos	2754.27	Rupees Two Thousand Seven Hundred Fifty Four and Twenty Seven Paise Only
108	1	Supplying and fixing L.T. cast Iron pot heads suitable for 1.1 KV class 16sqmmUG cable filled with necessary bitumen/insulating compound complete with terminals, clamps, bolts, nuts and washers etc.(P. No. 555 / I.No. 16(b),BWSSB SR 13-14)	Nos	282.80	Rupees Two Hundred Eighty Two and Eighty Paise Only
109	1	Supplying and fixing of polished wood board made of not less than 15mm thick plank on both sides with planks made out of not more than 2 pieces and fixing the same to the wall using tapered inverted wooden plugs screws etc.,Size 20 x 20 x 2.5 inches with all lead and lift, loading, unloading and labour charges etc., complete and as per the directions of the Engineer-in-charge of the workcomplete as per specifications and directions of the Engineer in charge	Nos	314.70	Rupees Three Hundred Fourteen and Sixty Nine Paise Only
110	1	Borewell Cap and Clamp Set (PWD SR 2018-19, Page No. XLVII, Sl no. 17)complete as per specifications and directions of the Engineer in charge	Set	1818.00	Rupees One Thousand Eight Hundred Eighteen Only

Signature of the Contractor

Executive Engineer

Name of Work:Package-4, includes 4 works of Rs.1000.00 lakhs
Comprehensive development of roads and drains in ward no 08.09.10 &11Byatarayanapura Division.Packag
(Old Annuxure-2) GoSI No114,115,116,117

Sl. No.	Approved Qty.	Description	Unit	Approved Tender Rates M S VENKATESH (M S V CONSTRUCTIONS COMPANY)	
				In Figures	In Words
111	1	Supply and delivery at site brand New texmo/ innoval/ Lubi/ Sabar / Atalanta/ Calamal/ make suitable for vertical installation in 150mm dia bore well comprising of single stage or multistage CF pump close coupled by measns of stainless steel coupling to suitable HP suitable speed totally enclosed and filled with pure drinking water (Wet type) squirrel cage submersible induction motor suitable for opertation of 3PH., 50 Hz, 380/440 volts AC supply fitted with required aqccessories such as suction, casing suction strainers sand guard Non return value etc. complete . The pump and motor shall form an integral unit with all the required fittings 17.50 HP 30 stage.complete as per specifications and directions of the Engineer in charge	Nos	72847.26	Rupees Seventy Two Thousand Eight Hundred Forty Seven and Twenty Six Paise Only
112	354	Providing, laying & joining GI pipes confirming to IS specification of approved make with fittings such as collars bends elbows tees nipples plugs with cuts threads using white lead & threads for joints wherever necessary as per direction including all lead & lift etc,. complete 'A' grade(excluding cost of fittings) 50mm dia GI pipe B Class (SR 18-19 PWDcomplete as per specifications and directions of the Engineer in charge	Rmtr	419.15	Rupees Four Hundred Nineteen and Fifteen Paise Only
113	60	Supply and fixing Collar for GI Pipes 50MM (page No.XLVII, Sl No.2,PWD SR 2018-19 complete as per specifications and directions of the Engineer in charge	Nos	181.80	Rupees One Hundred Eighty One and Eighty Paise Only
114	738	Supplying of submersible pump cable 1X3X6 Sqmm complete as per specifications and directions of the Engineer in charge	Mtr	145.44	Rupees One Hundred Forty Five and Forty Four Paise Only
115	1	Supplying & delivery at site brand new / Essen / lotus sunsines/Adarsh/Gk controls best indigenous make combine energy meter-cum-control panel board unit of size 1200 x 600 x 300 mm minimum mechanically strong and vermin and water proof the unit shall have two detachable doors suitable for operation on 3ph,50Hz, 380/440 volts, AC supply with spring loaded latch locking with a key ribs should be provided inside the door canopy apron and louvers ventilators shall be provided the combine energy mtr cum control panel board unit suitable for operation on 3ph, 50Hz,380/440 AC supply shall be consisted etc., completed T panel board shall be fabricated on single unit in the above components panel board for suitable pumpset above components panel board for suitable pumpset above Up to 20HP with star delta starter (MR) complete as per specifications and directions of the Engineer in charge	Nos	21210.00	Rupees Twenty One Thousand Two Hundred Ten Only
116	1	Supplying & delivery of brand 50mm Gate Valve. (PWD SR 18-19, complete as per specifications and directions of the Engineer in charge	Nos	1818.00	Rupees One Thousand Eight Hundred Eighteen Only
117	1	Supplying & delivery of brand 50mm Non Return Valve. complete as per specifications and directions of the Engineer in charge	Nos	1818.00	Rupees One Thousand Eight Hundred Eighteen Only
118	1	Supplying and fixing MCB complete as per specifications and directions of the Engineer in charge	Nos	909.00	Rupees Nine Hundred Nine Only
119	150.75	Earthwork excavation for foundation of buildings, water supply, sanitary lines and electrical conduits either in pits or in trenches 1.5m and above in width, in Ordinary soil not exceeding 1.5m in depth including dressing the bottom and sides of pits and trenches, stacking the excavated soil clear from edges of excavation with lead upto 50m after breaking of clods complete as per specificationscomplete as per specifications and directions of the Engineer in charge	Cum	320.11	Rupees Three Hundred Twenty and Ten Paise Only
120	335	Providing and installing at site of work 63mm (0.662) PVC Pipes of 6kg / cm2 including cost of pipes and specials and labour, including lowering into trenches, laying true to line, level and perfect linking at joints leak proof including joining of approved type with all labour and lift charges, handling charges including encasing the pipe alround to a depth not less than 15cms with gravel or selected earth available from the excavation etc., complete as per specifications and directions of the Engineer in charge	Mtr	398.26	Rupees Three Hundred Ninety Eight and Twenty Six Paise Only
121	150.75	Refilling available earth around pipe lines, cables in layers not exceeding 20cms in depth, compacting each deposited layer by ramming after watering with lead upto 50m and lift upto 1.5m including cost of all labour complete as per specifications complete as per specifications and directions of the Engineer in charge	Cum	129.54	Rupees One Hundred Twenty Nine and Fifty Four Paise Only

Signature of the Contractor

Executive Engineer

...e of Work:Package-4, includes 4 works of Rs.1000.00 lakhs
...mprehensive development of roads and drains in ward no 08.09.10 &11Byatarayanapura Division.Package-5
...Annuxure-2) GoSI No114,115,116,117

Sl. No.	Approved Qty.	Description	Unit	Approved Tender Rates of M S VENKATESH (M S V CONSTRUCTIONS COMPANY)	
				In Figures	In Words
122	55.87	Dismantling of existing structures like culverts,bridges,retaining walls and other structure comprising of masonry,cement concrete, wood work, steel work, including T&P and scaffolding wherever necessary, sorting the dismantled material, disposal of unserviceable material and stacking the serviceable material with all lifts complete as per specifications. By Mechanical means complete as per specifications and direction of site Engineer-in-charge	Cum	806.10	Rupees Eight Hundred Six and Ten Paise Only
123	7.54	Dismantling of existing structures like culverts,bridges, retaining walls and other structure comprising of masonry, cementconcrete, wood work, steel work, including T&P and scaffolding wherevernecessary, sorting the dismantled material, disposal of unserviceablematerial and stacking the serviceable material with all lifts complete asper specifications Dismantling brick/Tile work B. In cement mortar. complete as per specifications and direction of site Engineer-in-charge	Cum	382.87	Rupees Three Hundred Eighty Two and Eighty Seven Paise Only
124	17.36	Dismantling cement concrete flooring or plain cement concrete work including removing and conveying the debris to distance upto 200m (within average thickness of 15 cms) No. KBS complete as per specifications and direction of site Engineer-in-charge	Cum	93.81	Rupees Ninety Three and Eighty Paise Only
125	64.44	Dismantling of existing structures like culverts,bridges, retaining walls and other structure comprising of masonry, cementconcrete, wood work, steel work, including T&P and scaffolding wherevernecessary, sorting the dismantled material, disposal of unserviceablematerial and stacking the serviceable material with all liftsas per specifications. iii)Dismantling Stone Masonry. B. Rubble Stone masonry in cement mortar.No.complete as per specifications and direction of site Engineer-in-charge	cum	382.87	Rupees Three Hundred Eighty Two and Eighty Seven Paise Only
126	130.45	Conveying the excavated earth, debries etc., with all lead and lifts including loading and unloading charges etc., complete as per the direction of the Engineer-in-charge.	Cum	67.85	Rupees Sixty Seven and Eighty Five Paise Only
127	495.07	Excavation in marshy soil upto 3m depth for foundations of structures as per drawing and technical specifications including removing the excavated stuff to a lead of 15m., including dewatering , shoring and shuttering, refilling trenches in 250mm layers, wherever necessary watering and ramming, including cost of all materials, labour complete as per specifications and direction of site Engineer-in-charge	Cum	983.90	Rupees Nine Hundred Eighty Three and Ninety Paise Only
128	148.8	Diversion of water course by providing Coffer dams or bunds or islands as may be necessary for piers and abutments foundations, bailing out or pumping water during excavation and until completion etc., complete. - - beyond 3.00 mtrs depth upto & including 4.5m depth. complete as per specifications and direction of site Engineer-in-charge	Cum	707.93	Rupees Seven Hundred Seven and Ninety Two Paise Only
129	92.83	Filling the foundations KSRRB 2100-6. Filling the foundations trenches using approved sand as per drawing and technical specifications in 250mm layers, wherever necessary watering and ramming, including cost of all materials, labour complete as per specifications and direction of site Engineer-in-charge	Cum	3314.94	Rupees Three Thousand Three Hundred Fourteen and Ninety Four Paise Only
130	46.41	Plain / Reinforced Cement Concrete M15 with OPC cement @ 240kgs, with 40mm and down size graded granite metal coarse aggregates @0.84cum and fine aggregates @ 0.56cum in Open Foundation complete as per Drawing and Technical Specifications MORTH Specification complete as per specifications and direction of site Engineer-in-charge	Cum	5566.35	Rupees Five Thousand Five Hundred Sixty Six and Thirty Five Paise Only
131	34.38	Approach Slab KSRRB M2700-6. PCC M15 Grade leveling course below approach slab complete as per drawing and Technical specification complete as per specifications and direction of site Engineer-in-charge	Cum	5914.32	Rupees Five Thousand Nine Hundred Fourteen and Thirty One Paise Only
132	46.41	Plain / Reinforced Cement Concrete in Open Foundation with OPC cement design mix M30 @ 360kgs, with 20mm and down size graded granite metal coarse aggregates @0.69cum and fine aggregates @ 0.46cum, with superplastisiser @3lts confirming to IS9103-1999 Reaffirmed-2008 complete as per Drawing and Technical Specifications Case - II : With Batching Plant, Transit Mixer and Concrete Pump MORTH Specification complete as per specifications and direction of site Engineer-in-charge	Cum	5545.63	Rupees Five Thousand Five Hundred Forty Five and Sixty Two Paise Only
133	33.42	Design mix M30 with OPC cement @ 360kgs, with 20mm and down size graded granite metal coarse aggregates @0.69cum and fine aggregates @ 0.46cum, with superplastisiser @3lts confirming to IS9103-1999 Reaffirmed-2008 - i) Upto 5m height, complete as per specifications and direction of site Engineer-in-charge	Cum	5906.68	Rupees Five Thousand Nine Hundred Six and Sixty Eight Paise Only

Signature of the Contractor

Executive Engineer

Name of Work:Package-4, includes 4 works of Rs.1000.00 lakhs
Comprehensive development of roads and drains in ward no 08.09.10 &11Byatarayanapura Division.Package-5
(Old Annuxure-2) GoSI No114,115,116,117

Sl. No.	Approved Qty.	Description	Unit	Approved Tender Rates of M S VENKATESH (M S V CONSTRUCTIONS COMPANY)	
				In Figures	In Words
134	76.78	Solid slab super structure Furnishing and Placing Reinforced / Prestressed cement concrete in super-structure as per drawing and Technical Specification complete as per specifications. C. RCC with OPC cement design mix M30 @ 360kgs, with 20mm and down size graded granite metal coarse aggregates @0.69cum and fine aggregates @ 0.46cum, with superplastisiser @3lts confirming to IS9103-1999 Reaffirmed- 2008, Case - I : Using Concrete Mixer MORTH Specification No. 1500,1600 & 1700 - Height upto 5 m complete as per specifications and direction of site Engineer-in-charge	Cum	7170.92	Rupees Seven Thousand One Hundred Seventy and Ninety One Paise Only
135	67.61	Back Filling of abutments using wing wall & Returns KSRRB M2100-7. Earth work in excavation for foundation of structures as per drawing and technical specifications, including setting out, construction of shoring and bracing, removal of stumps and other deleterious matter, dressing of sides and bottom and backfilling with approved material complete as per specifications. VI. Backfilling in Marshy Foundation Pits." MORTH Specificationcomplete as per specifications and direction of site Engineer-in-charge	Cum	380.69	Rupees Three Hundred Eighty and Sixty Eight Paise Only
136	39	KSRRB M2200- TMT/MS Bar Reinforcement KSRRB M2200-6. Supplying, fitting and placing TMT bar reinforcement in sub-structure complete as per drawing and Technical Specifications complete as per specificationsMORTH Specification No.1600 & 2200 - TMT Bars Fe 500 Pg No.229 Item No.28.8.2	tonne	74428.56	Rupees Seventy Four Thousand Four Hundred Twenty Eight and Fifty Five Paise Only
137	12.8	Provinding and laying cement concrete wearing coat with OPC cement design mix M30@360 kgs, with 20mm and down size graded granite metal coarse aggregates @ 0.69 cum and fine aggregates @ 0.46 cum, and reinforcement at 75 kgs / cum with superplastisiser@ 3lts confirming to IS9103-1999 Reaffirmed- 2008 including cost of reinforcemnet complete as per drawing and Technical complete as per specifications and direction of site Engineer-in-charge	Cum	11235.24	Rupees Eleven Thousand Two Hundred Thirty Five and Twenty Four Paise Only
138	17.19	Reinforced cement concrete M30 approach slab including reinforcement at 50kgs / cum and formwork complete as per drawing and Technical specification complete as per specifications MORTH Specification No.1500, 1600, 1700 & 2704 complete as per specifications and direction of site Engineer-in-charge	Cum	10865.46	Rupees Ten Thousand Eight Hundred Sixty Five and Forty Five Paise Only
139	13.4	Construction of RCC railing of M30 Grade in-situ with 20 mm nominal size aggregate, true to line and grade, tolerance of vertical RCC post not to exceed 1 in 500, centre to centre spacing between vertical post not to exceed 2000 mm, leaving adequate space between vertical post for expansion, complete as per approved drawings and technical specifications complete as per specifications and direction of site Engineer-in-charge	m	1915.44	Rupees One Thousand Nine Hundred Fifteen and Forty Four Paise Only

Signature of the Contractor

Executive Engineer
Byarayanapura Division
BBMP, Bangalore - 92